

Code No.12-0183

SPECIFICATION

Lanthanum Oxide, 99.99%
for Optics

REQUIREMENT	SPECIFICATION
Appearance	White ~ nearly white, powder
Solubility in dil.nitric acid	to pass test
Loss on ignition	max.2.0%
Magnesium (Mg)	max.0.001%
Calcium (Ca)	max.0.01%
Cerium (Ce)	max.0.005%
Iron (Fe)	max.0.001%
* Purity (subtracting method)	min.99.99%
Assay (after ignition) (volumetric analysis)	min.99.0%

*:calculated by subtracting method with determination of metal impurities